



6BJ7 TRIPLE DIODE

9-PIN MINIATURE TYPE

For dc restorer service

6BJ7

GENERAL DATA

Electrical:

Heater, for Unipotential Cathodes:

Voltage (AC or DC)	6.3	volts
Current	0.45	amp

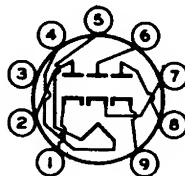
Direct Interelectrode Capacitances (Approx.):⁰

Plate of unit No.1 to cathode of unit No.1, internal shield, and heater. . .	3	μf
Plate of unit No.2 to cathode of unit No.2, internal shield, and heater. . .	2.6	μf
Plate of unit No.3 to cathode of unit No.3, internal shield, and heater. . .	2.6	μf
Cathode of unit No.1 to plate of unit No.1, internal shield, and heater. . .	4	μf
Cathode of unit No.2 to plate of unit No.2, internal shield, and heater. . .	3.8	μf
Cathode of unit No.3 to plate of unit No.3, internal shield, and heater. . .	4	μf
Plate of unit No.1 to plate of unit No.2. . .	0.055	μf
Plate of unit No.2 to plate of unit No.3. . .	0.036	μf
Plate of unit No.3 to plate of unit No.1. . .	0.036	μf

Mechanical:

Operating Position.	Any
Maximum Overall Length.	2-3/16"
Maximum Seated Length.	1-15/16"
Length, Base Seat to Bulb Top (Excluding tip). . .	1-9/16" \pm 3/32"
Diameter.	0.750" to 0.875"
Dimensional Outline.	See General Section
Bulb.	T6-1/2
Base.	Small-Button Noval 9-Pin (JEDEC No.E9-1)
Basing Designation for BOTTOM VIEW.	9AX

Pin 1 - Cathode of Unit No.3
Pin 2 - Plate of Unit No.3
Pin 3 - Internal Shield
Pin 4 - Heater
Pin 5 - Heater



Pin 6 - Plate of Unit No.2
Pin 7 - Cathode of Unit No.2
Pin 8 - Plate of Unit No.1
Pin 9 - Cathode of Unit No.1

DC RESTORER SERVICE

Values are for Each Unit

Maximum Ratings, Design-Center Values:

PEAK INVERSE PLATE VOLTAGE.	330 max.	volts
PEAK PLATE CURRENT.	10 max.	ma

⁰ Without external shield.

10-59

ELECTRON TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA

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TRIPLE DIODE

DC OUTPUT CURRENT. 1 max. ma

PEAK HEATER-CATHODE VOLTAGE:

Heater negative with respect to cathode . . 330 max. volts

Heater positive with respect to cathode . . 100 max. volts

Characteristics:

Plate Current for plate volts = 2.7. 10 ma